

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ORT-1414

First Inventor QIN, Ning

Title CDNA ENCODING THE HUMAN ALPHA2 DELTA4 CALCIUM CHANNEL SUBUNIT

Express Mail Label No. EL710607409US

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APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
- Specification [Total Pages 107]
(Preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s)(35 USC 113) [Total Sheets 3]
- Oath or Declaration [Total Pages 3]
 - a. Unexecuted (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 5b completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-Part (CIP) of prior application No.: , filed .

Prior application information: Examiner Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 000027777 or Correspondence Address below

Name: Philip S. Johnson, Esq.

Address: Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003 USA

20. TELEPHONE CONTACT

Please direct all telephone calls or telefaxes to Myra H. McCormack at:

Telephone: (732) 524-6814 Fax: (732) 524-2808

21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | | |
|------|-------------------|-----------------|
| NAME | Myra H. McCormack | Reg. No. 36,602 |
|------|-------------------|-----------------|

| | |
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| SIGNATURE | <i>Myra H. McCormack</i> |
|-----------|--------------------------|

| | |
|------|----------------|
| DATE | April 11, 2001 |
|------|----------------|

FEE TRANS TAL

| Complete if Known | |
|------------------------|----------------|
| Application Number | |
| Filing Date | April 11, 2001 |
| First Named Inventor | QIN, Ning |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | ORT-1414 |

FEE CALCULATION**CLAIMS AS FILED**

| (1) | (2) | (3) | (4) | (5) |
|---------------------------|--------------------------|--------------|------------|-----------------------|
| FOR: | NUMBER FILED | NUMBER EXTRA | RATE | BASIC FEE \$710.00 |
| TOTAL CLAIMS | 22 - 20 = | 2 | x 18.00 | \$ 36.00 |
| INDEPENDENT CLAIMS | 8 - 3 = | 5 | x 80.00 | \$ 400.00 |
| MULTIPLE DEPENDENT CLAIMS | <input type="checkbox"/> | N/A | \$270.00 | |
| | | | TOTAL FEES | \$1,146.00 |

METHOD OF PAYMENT

- Please charge Deposit Account No. 10-0750/ORT-1414/MHM in the amount of \$1,146.00. Three copies of this sheet are enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/ORT-1414/MHM. Three copies of this sheet are enclosed.

| SUBMITTED BY: | | Complete (if applicable) |
|-----------------------|-----------------------|--|
| Typed or Printed Name | Myra H. McCormack | Reg. No. 36,602 |
| Signature | <i>Myra McCormack</i> | Date: April 11, 2001 Deposit Account No. 10-0750 |



DOCKET NO. ORT-1414

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIN, et al.

For : CDNA ENCODING THE HUMAN NOVEL ALPHA2 DELTA4 CALCIUM CHANNEL SUBUNIT

Express Mail Certificate

"Express Mail" mailing number: EL710607409US

Date of Deposit: April 11, 2001

I hereby certify that this complete application, including specification pages, claims, drawings, unexecuted Declaration and Power of Attorney, sequence disk, and sequence listing, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Debra A. Wojcik

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: QIN et al.

For: cDNA ENCODING THE HUMAN ALPHA2 DELTA4 CALCIUM CHANNEL SUBUNIT

Filed: April 11, 2001

Serial No: TBD

VERIFIED STATEMENT UNDER 37 CFR §1.821(f)

I hereby verify that the computer readable diskette enclosed herewith includes the same information as provided in the Sequence Listing of the subject application, and that this statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.


Myra H. McCormack

Reg. No. 36,602

DATE: April 11, 2001